

CLEAN VERSION OF AMENDED CLAIMS:

4. The linear synchronous motor as claimed in claim 1, characterized in that the gaps (13), located between the poles (10), of the secondary part (6) exhibit an angle (20) which differs from 90° with respect to the movement direction (5) of the linear motor.
5. The linear synchronous motor as claimed in claim 1, characterized in that the gaps (13) located between the poles (10) have a varying gap width (P).
6. The linear synchronous motor as claimed in claim 1, characterized in that the end pieces (2) include at least one partial stack of laminations made of ferromagnetic material and directed essentially perpendicular to the direction of movement (5) of the linear motor.
7. The linear synchronous motor as claimed in claim 1, characterized in that the end pieces (2) are configured for attachment onto the primary part (1).